

SDP

BUNAWAN



Republic of the Philippines
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
Governor Democrito O. Plaza, Government Center, Patin-ay, Prosperidad, Agusan del Sur
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CERTIFICATION OF VERACITY

We, the First Validator Team for the Seal of Disaster Preparedness Program of the Department of the Interior and Local Government hereby certify to the correctness of all the entries in the Seal of Disaster Preparedness Index Template covering one city and 13 municipalities of the province of Agusan del Sur.

This certification is issued for the assessment validity conducted last June 29, 2012 at the DILG Conference Room, Government Center, Prosperidad, Agusan del Sur.

Issued this 3rd day of August, 2012 at the DILG Provincial Office, Government Center, Patin-ay, Prosperidad, Agusan del Sur.


ELVA THERESA D. VELMONTE
LGOO VI/Outcome Manager


MS. CHRISTINE H. AMPON
Executive Director, SIKAP


ARLEEN ANN R. SANCHEZ
Provincial Director

SCORE CARD

Local Government Disaster Preparedness Rating Table

Level 1 Assessment: Disaster Preparedness

Bunawan
(City/Municipality)

Agusan del Sur
(Province)

XIII
(Region)

2012
(Profile Year)

Indicator and Means of Verification		Rating Table				
Cluster/Indicator		5	4	3	2	1
I. Leadership Structure						
1. Local Disaster Risk Reduction and Management Council (LDRRMC)						
1.1 Is the LDRRMC organized through an Executive Order or Resolution?	5					
1.2 If Yes, determine the LDRRMC Composition	5.00					
LCE as Chair	5					
Heads of Departments, i.e., P/C/MPDC, LDRRMO; Social Welfare and Development Office; Engineering Office; Veterinary Office; and Budget Office	5					
Division Superintendent of Schools, DepEd	5					
Highest Ranking Officer assigned in the area,	5					
Head, Local PNP	5					
Head, Local BFP	5					
President, Local Liga ng mga Barangay	5					
Representative, Philippine National Red Cross	5					
Representatives (4), Accredited CSOs	5					
Representative, Private Sector	5					

PFP's Counter Checker	
No. of answers per indicator	
1	
1	
1	
1	
1	
1	
1	
1	

Note:

- Each indicator MUST have 1 answer only.

- On the PFP's Counter Checker, a cell shaded in pink means that there are multiple answers or that there is no answer entered for the indicator opposite the said cell, so review of the DCF is necessary.

Indicator and Means of Verification		Rating Table				
Cluster/Indicator		5	4	3	2	1
2. Local Disaster Risk Reduction and Management						
2.1 Is there an LDRRM Officer appointed or designated in the LDRRM Office?		5				
2.2 If Yes, determine the LDRRM Office Functional Structure		1.00				
Staff Responsible for:						
Administration and Training						1
Research and Planning						1
Operations and Warning						1
3. Is there an Incident Command System?						1
3.1 If Yes, determine compliance with basic requirements of the Incident Command System based on NDRRMC Memo Circular dated March 28, 2012		1.00				
Organizational Functional Structure						1
Resource Management						1
4. Is there a Disaster Operations or Emergency Center, or its equivalent?						1
II. Guide to Action						
1. Risk Assessment and Mapping		4.33				
1.1 Flood prone barangays, identified		5				
1.2 Population and families at risk for flood, identified		5				
1.3 Vulnerable or marginalized individuals identified (e.g. poor, elderly, women, children, differently-abled persons, ethnic minorities)		5				

PTP's Counter Checker	
No. of answers per Indicator	
1	
1	
1	
1	
1	
If answer for number 3 is NO, enter the value, 1, on each of the indicators under 3.1.	
1	
1	
1	
1	

2.1 is a YES, a NO, proceed with not

Indicator and Means of Verification		Rating Table					PFP's Counter Checker	
Cluster/Indicator		5	4	3	2	1	No. of answers per Indicator	
1.4 Identified community assets that are susceptible to the damaging effects of a flood e.g. physical, social, economic and environmental factors such as poor design and construction of buildings and inadequate		5					1	
1.5 Hazard Map for Flood, available		5					1	
1.6 Vulnerability maps available, e.g., susceptible community assets, marginalized						1	1	
2. Institutionalized Planning and Budgeting		1.00					1	
DRRM Plan, approved						1	1	
Contingency Plan for Flood, available						1	1	
DRRM and Climate Change Adaptation activities funded in the Annual Budget						1	1	
III. Disaster Preparedness							1	
1. Technical Competency		3.00						
1.1 Percentage of Emergency Response Teams trained (those that are created and trained by the provincial, city or municipal				3			1	
1.2 Simulation exercise(s) conducted as part of the skills training for the Emergency Response Teams		5					1	
1.3 Presence of a Guide for Emergency Response Teams, specifying protocols and duties and responsibilities						1	1	
2. Community Awareness		1.00						
2.1 Presence of a Flood Evacuation Guide for families						1	1	
2.2 If Yes, determine the mode of dissemination		1.00	1.00	0	5			
Radio						1	1	
Local TV Program						1	1	
							If answer for number 2.1 is NO, enter the value, 1, on	
							1	
							1	

Indicator and Means of Verification		Rating Table					PFP's Counter Checker	
Cluster/Indicator	5	4	3	2	1		No. of answers per indicator	
Newspaper					1		1	
Website					1		1	
Community orientation or distribution of the Guide to households					1		1	
3. Contingency Planning	5.00							
3.1 Early Warning System	5.00							
3.1.1 Rain or water level gauge or visual markers, operational	5						1	
3.1.2 Audio signaling devices, operational	5						1	
3.2 Evacuation Alert System	5						1	
3.3 Local Policy on Forced or Pre-emptive Evacuation enacted	5						1	
3.4 Stockpiling and Equipping	5.00							
3.4.1 Non-perishable goods and items (e.g., canned goods and beddings) for disaster are available in stock	5						1	
3.4.2 Disaster equipage, available	5						1	
IV. Partnership, Volunteerism and Innovation								
1. Has the local government established partnership with other local governments and/or national governments for DRRM and emergency response purposes?					1		1	
2. Has the local government established partnership with Volunteer Groups, Civil Society, Business or Private Sector	5						1	
3. Has the local government initiated practices on DRRM as evidenced by recognition, citations or awards received?					1		1	

Seal of Disaster Preparedness Scorecard

Level 1 Assessment: Disaster Preparedness

Bunawan

(City/Municipality)

XIII

(Region)

Agusan del Sur

(Province)

2012

(Profile Year)

Scale up!

Performance Summary	
Cluster	Index
I. Leadership Structure	2.50
II. Guide to Action	2.67
III. Disaster Preparedness	3.00
IV. Partnership, Volunteerism and Innovation	2.33
Overall Performance Index	2.63

Performance Index Interpretation Table				
5	4	3	2	1
Very High	High	Fair	Poor	Bad
Passed		Failed		
Within Benchmark		Below Benchmark		

Performance Details	
Cluster/Indicator	Score
1. Leadership Structure	2.50
1.1 Organized DRRMC	5.00
(Creation, Composition, Functionality)	
1.2 Organized DRRMO	3.00
(Creation, Structure, Functionality)	
1.3 Incident Command System	1.00
1.4 Disaster Operations or Emergency Center	1.00
2. Guide to Action	2.67
2.1 Risk Assessment and Mapping	4.33
2.2 Institutionalized Planning and Budgeting	1.00
3. Disaster Preparedness	3.00
3.1 Technical Competency	3.00
3.2 Community Awareness	1.00
3.3 Contingency Planning	5.00
4. Partnership, Volunteerism, and Innovation	2.33
4.1 Partnership with other LGU(s) or NGAs	1.00
4.2 Partnership with Volunteer Groups,	5.00
Civil Society, Business or Private Sector	
4.5 Innovation	1.00

Disaster Preparedness Details	
Indicator	Score
Technical Competency	3.00
% of Emergency Response Teams	3.00
Simulation exercises	5.00
Guide for Emergency Response	1.00
Teams, available	

Community Awareness	1.00
Family Guide, available	1.00
Family Guide, disseminated	1.00
(Mode of dissemination: Local TV, Radio, Newspaper, Website, Community Orientation or Distribution of Guide to Households)	

Contingency Planning	5.00
Early warning system	5.00
Evacuation Alert System	5.00
Local Policy on Forced or	5.00
Pre-emptive evacuation, enacted	
Stockpiling and equipping	5.00

DATA CAPTURE FORM

SEAL OF DISASTER PREPAREDNESS

City/Municipality: Bunawan Province: Agusan del Sur
Region: CARAGA, R-13 Date Accomplished: 6/20/2012

Instruction: For 2012, priority for SDP assessment is on flood with focus on local governments located along the 18 major river basins. Kindly answer the questions in this Form by ticking appropriate boxes and write the means of verification. If means of verification are not provided, positive responses may not be considered. You need to compile the required supporting documents for verification.

I. Leadership Structure

1. Local Disaster Risk Reduction and Management Council (LDRRMC)

1.1. Is the LDRRMC organized through an Executive Order or Resolution?

Yes ☒ No ☐

1.2 If Yes, determine the LDRRMC Composition.

Yes	Partial	No	Composition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LCE as Chair
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Heads of Departments, i.e., P/C/MPDC; LDRRMO; Social Welfare and Development Office; Health Office; Local Agriculture Office; Gender and Development Office; Engineering Office; Veterinary Office; and Budget Office
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Division Superintendent of Schools, DepEd
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Highest Ranking Officer assigned in the area, AFP
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Head, Local PNP
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Head, Local BFP
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	President, Local Liga Ng Mga Barangay
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Representative, Philippine National Red Cross
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Representatives (4), Accredited CSOs
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Representative, Private Sector

Means of Verification: Write EO or Sanggunian Resolution No., Title and Date

☒ Executive Order # 008, s. 2011 - Organizing the Municipal Disaster Risk Reduction & Mgt Council (MDRRMC)
Oct. 4, 2011

2. Local Disaster Risk Reduction and Management Office (LDRRMO)

2.1 Is there an LDRRM Officer appointed or designated in the LDRRM Office?

☒ Yes ☐ No

2.2 If Yes, determine the LDRMM Office Functional Structure

Yes	No	Staff Responsible for:
	<input checked="" type="checkbox"/>	Administration and Training
	<input checked="" type="checkbox"/>	Research and Planning
	<input checked="" type="checkbox"/>	Operations and Warning

Means of Verification: Write EO or Sangguninan Resolution No., Title and Date

NONE EO of Functional Structure
w/ responsible team assigned

3. Is there an Incident Command System?

☐ Yes ☒ No

3.1 If yes, determine compliance with basic requirements of the Incident Command System based on NDRMC Memo Circular dated March 28, 2012.

Yes	No	ICS Requirements
	<input checked="" type="checkbox"/>	* Organizational Functional Structure – should illustrate organizational structure with specific functions for each unit and provide clarity in reporting relationships.
	<input checked="" type="checkbox"/>	* Resource Management – should identify resources available like personnel, teams, equipment, supplies, and facilities available or potentially available for assignment or allocation.

Means of Verification: Write source-document title and date published

NONE EO

4. Is there a Disaster Operations or Emergency Center, or its equivalent?

☐ Yes ☒ No

Means of Verification: Photo of the Disaster Operations Center as a proof of its existence. Write specific location and date when the photo was taken.

Municipal Tribal Center (Temporary DO Center)
Tounsam

picture!

II. Guide to Action

I. Risk Assessment and Mapping

Yes	No	Risk Assessment and Mapping	Means of Verification (provide data)
✓		1.1 Flood prone barangays, identified	Ratio of flood prone barangays: (e.g., 10 out of 20 barangays) <u>7 out of 16 barangays</u>
✓		1.2 Population and families at risk for flood, identified	Ratio of population at risk: <u>21,373</u> Ratio of families at risk: <u>5,966</u>
✓		1.3 Vulnerable or marginalized individuals identified (e.g., poor, elderly, women, children, or differently-abled persons, ethnic minorities)	Number of vulnerable or marginalized individuals: <u>8,885</u>
✓		1.4 Identified community assets that are susceptible to the damaging effects of a flood, e.g., physical, social, economic, and environmental factors such as poor design and construction of buildings and inadequate protection of assets	Provide sample of a community asset identified at risk (state its nature and location): <u>Publication, B. Brook</u> <u>School Bridge</u> } <u>San Marcos, Imelda</u> <u>Day Care Centers</u> } <u>Libertad, San Marcos</u> <u>Barry Hall</u> } <u>Nueva Era</u>
✓		1.5 Hazard Map for Flood, available	Write the source of map and date acquired: <u>Community-Based Hazard Maps</u> <u>Sept 19-23, 2011</u>
	✓	1.6 Vulnerability maps, available, e.g., susceptible community assets; marginalized individuals	Write the source of map and date acquired:

Other Means of Verification: Write the title(s) of source-document(s) used

Community-Based Map System (CBMS) 2009

2. Institutionalized Planning and Budgeting

Yes	No	Institutionalized planning and budgeting	Means of Verification
	<input checked="" type="checkbox"/>	DRRM Plan, approved	Plan Title and Date Approved: <i>MDRRMP Plan; not yet approved</i>
	<input checked="" type="checkbox"/>	Contingency Plan for Flood, available	Plan Title and Date Approved:
	<input checked="" type="checkbox"/>	DRRM and Climate Change Adaptation activities funded in the Annual Budget	List at least two DRRM and/or CCA activities with corresponding amount: 1. _____ 2. _____

III. Disaster Preparedness

1. Technical Competency

1.1. Percentage of Emergency Response Teams trained (those that are created and trained by the provincial, city or municipal government)

? ☒ 100% ☐ 76-99% ☒ 51-75% ☐ 1-50% ☐ 0% or Unknown

Means of Verification:

- No. of Emergency Response Teams created -
- No. of Emergency Response Teams trained -
- Activity Title and Date(s) conducted :

BLS / First Aid Training photos
④ Provide photos

1.2 Simulation exercise(s) conducted as part of the skills-training for the Emergency Response Teams.

☒ Yes ☐ No

Means of Verification: Photos of simulation exercises. Write location and date when the photo was taken.

photos w/ Date + venue of the activity

1.3 Presence of a Guide for Emergency Response Teams, specifying protocols and duties and responsibilities

☐ Yes ☒ No

Means of Verification: Write document title and date published, approved or adopted

2. Community Awareness

2.1 Presence of a Flood Evacuation Guide for families

☐ Yes ☒ No

Means of Verification: Write document title and date published or approved

FB

2.2 If the answer to question 2.1 is Yes, determine the mode of dissemination.

Yes	No	Mode of Dissemination	Means of Verification
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Radio	Write the name of radio station, radio program and date aired: DXAK, DNE Point Dec. 27, 2011
<input type="checkbox"/>	<input type="checkbox"/>	Local T.V. Program	Write the name of T.V. station, program and date aired:
<input type="checkbox"/>	<input type="checkbox"/>	Newspaper	Write the name of the newspaper and date published:
<input type="checkbox"/>	<input type="checkbox"/>	Website	Write the URL or website address where the message is posted:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Community orientation or distribution of the Guide to households	Write activity title and date conducted. Provide photos Title of activity + location Jan. 8, 2012 provide photos

3. Contingency Planning

3.1 Early Warning System

3.1.1 Rain or water level gauges or visual markers, operational

☒ Yes ☒ No

If Yes, briefly describe the gauge or marker being used and state its location

pictures along the highway warning device: Flood prone area
along burnown brook (provide photo for this device)

3.1.2 Audio signaling devices, operational

Yes ☒ No ☐

If Yes, briefly describe the audio signaling device(s) being used.

1) Kuiratong - pls. describe this device being used by the LG
2) Bells

3.2 Evacuation Alert System (this system gives an indication as to when the evacuation operation should take place. Rain or water gauges, visual marker, and audio devices are to use to give the signal. For example, level 5 in the visual marker for water level and three times hornning of sirens are signs for evacuation).

Yes ☒ No ☒

If Yes, briefly describe the Evacuation Alert System adopted by the local government

Draped evacuation Alert System adopted by the LG
(Policy).

3.3 Local Policy on Forced or Pre-emptive Evacuation enacted

Yes ☒ No ☒

Means of Verification: Write Sangguninan Resolution or Ordinance No., Title and Date

Ordinance is follow.

3.4 Stockpiling and Equipping

3.4.1 Non-perishable goods and items (e.g., canned goods and beddings) for disaster are available in stock

Yes ☒ No ☐

3.4.2 Disaster equipage, available

Yes ☒ Partial ☐ No ☐

Note: If answer to question 3.4.2 is Partial or No, determine disaster equipage needed (refer to Attachment 1). The list should only be accomplished by local governments which passed the Level 1 Assessment or got a Performance Index of "4".

Means of Verification: Pictures of goods, items and disaster equipment taken. Indicate date when the picture was taken, and location of goods and equipment

picture of equipments be attached.

IV. Partnership, Volunteerism and Innovation

1. Has the local government established partnership with other local governments and/or national governments for DRRM and emergency response purposes?

☒ Yes ☐ No

Means of Verification: Write MOA or MOU Title and Date and briefly explain areas of partnership

none.

2. Has the local government established partnership with Volunteer Groups, Civil Society, Business or Private Sector?

☒

Yes

☐

No

If Yes, list the names of groups, specify the Pledge of Commitment and date, and briefly explain areas of partnership

- Red Cross - Relief Operation
 - Pangon Agusan Sur Klang sa Kalambuan (BASAK) - Relief operation
 - Burawan
- List of all the groups

Means of Verification: Directory of Volunteers and Partners

3. Has the local government initiated innovative practices on DRRM as evidenced by recognition, citations or awards received?

☐

Yes

☒

No

Means of Verification: Write the awards or citation title, date awarded and award giving body, and/or article or report title, where and when it was published.

SEAL OF DISASTER PREPAREDNESS

City/Municipality: Pinaruan Province: Agusan del Sur
Region: 13, CARAGA Date Accomplished: 6/20/2012

Attachment 1: List of Disaster Equipment Needed

Equipment	Description	Quantity	Estimated Cost
Ambulance		1 unit	
Cut board w/ motor		2 units	
Rubber boat		1 unit	
Life Ring			
Life Jacket			
Hand Held Radio			

Prepared by:

Arbonillo

(Name, Position and Signature)



Republic of the Philippines
Province of Agusan del Sur
Municipality of Bunawan

 **PADAYON BUNAWAN**

Comprehensive Disaster Risk Management (DRM) Plan

(Integrating Climate Change Adaption Options)

CY 2011 - 2015



CONTENT OUTLINE

- I. Mayor Message
- II. Socio –Economic Profile
- III. Definitions
- IV. DRM Action Plan CY 2011 – 2015
 - Vision and Mission
 - Development Goals and Strategies
 - Vulnerable Areas for calamity Updates (Hazard Maps)
 - Flood Prone Barangays
 - Fault Lines
 - Susceptibility of Erosion
 - Land Classification
 - Risk areas and Potential for Development
 - Environmental Consciousness / Adaptation Option
 - Identified Climate Change Adaptation Options
 - Policy Level
 - Adaptation Technologies
 - Public Information Campaign and Education
 - Climate Information and Climate Change Information and Technology
 - Comprehensive Disaster Risk Management Framework
 - Mapping of Past and Current DRM initiatives (Form 1)
 - Mitigation
 - Preparedness
 - DRM Framework and Financial Plan CY 2011 – 2015 (Form 2)
 - Thematic Focus : Knowledge Management
 - : Disaster Preparedness
 - : Risk Reduction
 - : Governance
 - Budget Summary
 - Closing Note
 - Annexes



Republic of the Philippines
Province of Agusan del Sur
MUNICIPALITY OF BUNAWAN

OFFICE OF THE MUNICIPAL MAYOR

M E S S A G E

Presidential Decree No. 1566 stressed out the strengthening of the Philippine Disaster Control, capability and Establishing the National Program on Community Disaster Preparedness. This scheme has found its way through legislation which laid down the grounds for the establishment of disaster organization at all levels of government.

Planning for all types of emergencies and delineation of tasks and responsibilities of government agencies involved in disaster management is very important. The need to capacitate the local disaster coordinating councils on disaster management and mitigating measure are being considered. These are significant to avoid loss of lives and properties in the event that disaster may occur in our locality specially that we are a flood prone Municipality.

Hence, I pushed for the conduct of **Disaster Risk Management Training Workshop** in our municipality handled by the OCD-Caraga Regional Staff. The said training is very important for us in getting ready for disasters and knows the important features as well as policy statements of the law- **Republic Act 10121 otherwise known Disaster Risk Reduction and Management Act of 2010.**

I would like to express my appreciation to all the members of our Local Disaster Risk Reduction Management Council (LDRPMC) for spending time and exerted effort to participate the 3 day training workshop in order to come up with this DRM Plan. Part of this plan is the integration of Climate Change Adaption (CCA) Plan which we have formulated thru Ilo-ilo Experience by a Study Mission last November 2010 with the technical assistance of **OXFAM Mindanao and KRDFI**; to the **Provincial Government thru the Provincial Disaster Risk Reduction Management (PDRRM) Office** which provided trainings to our DRM Officer and Personnel in the integration of the emergency response/activities in the plan.

May this document serve as our guide in setting our goals and specific undertakings or related actions to accomplish objectives and in reducing disaster risk in our locality.

May I encourage all the stakeholders to join me in our battle cry addressing the challenges of disaster and climate change. "HandaKa Na Ba?" Di AkoPatatalosaPagsubok at PagbabagongPanahon!"

EDWIN G. ELORDE
Municipal Mayor

A photograph of the municipal office building in Padayon Bunawan. The building is a two-story structure with a white facade and blue accents. A large sign on the roof reads "PADAYON BUNAWAN" in red capital letters. To the left of the sign is a circular emblem. The building is surrounded by lush green trees and a well-maintained lawn. In the foreground, there is a paved area with a central green space containing some plants. A person is visible near the entrance of the building.

PADAYON BUNAWAN

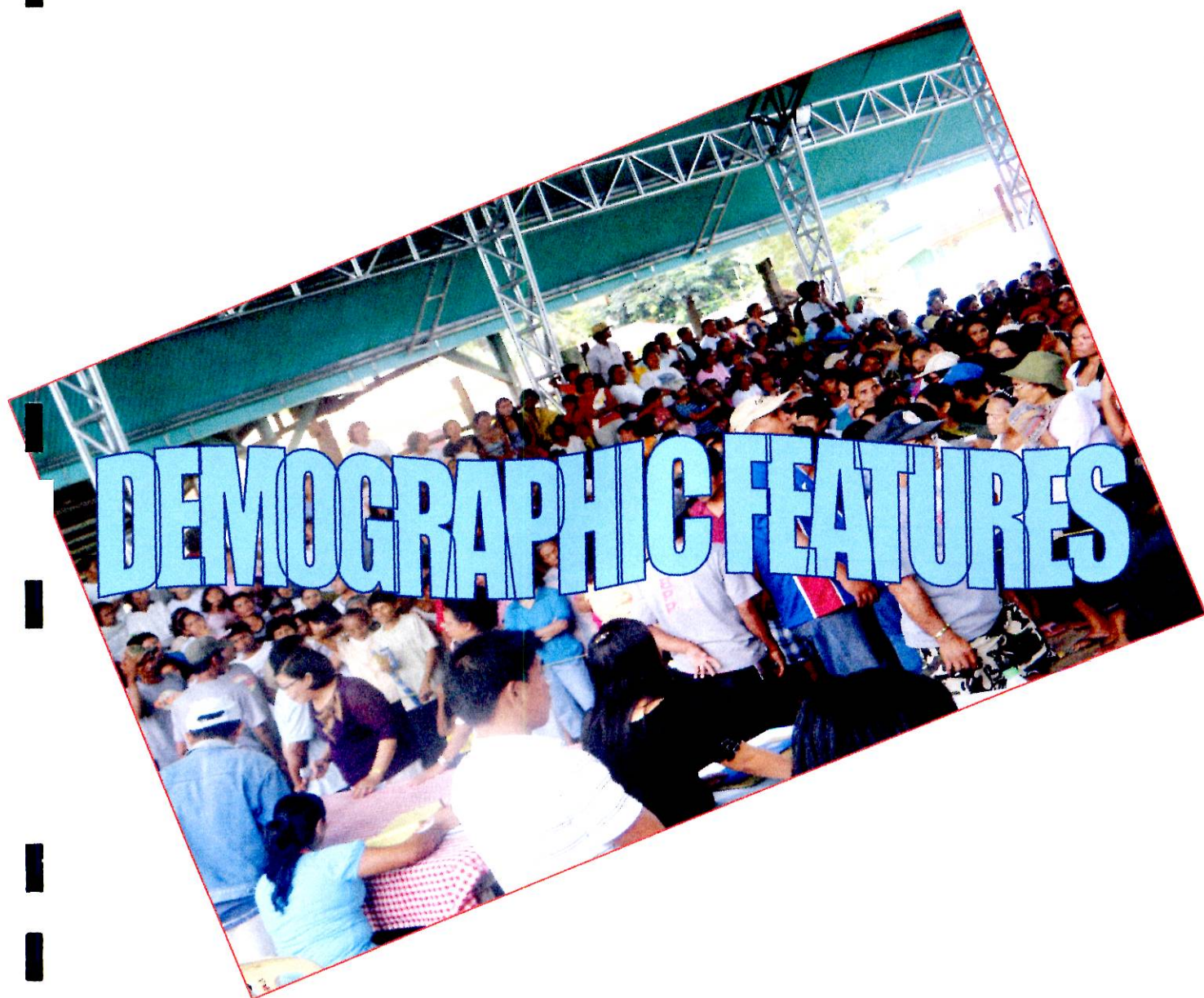
Municipal Profile



CARAGA REGION

PROVINCE OF
AGUSAN DEL SUR

MUNICIPALITY OF
BUNAWAN



DEMOGRAPHIC FEATURES

Total Population	-----	36,205
Male Population	-----	53.1%
Female Population	-----	46.9%
IP Population	-----	58%
Growth Rate	-----	0.42
Total Number of HHs	-----	7994
Average Household size	-----	5
Population Density	-----	52 person /sq. km

Source: Community Based Monitoring System Survey 2009

POVERTY THRESHOLD & EMPLOYMENT

POVERTY THRESHOLD & EMPLOYMENT

❖	Member of Labor Force	-	14,143
❖	Labor Force Participation		
	Rate	-	59.1%
❖	Employment Rate	-	85.2%
❖	Poverty Threshold 2009	-	18.7%
	(Poverty Threshold in 2005 - ____)	-	
❖	Food Threshold	-	3.0%

Source: Community Based Monitoring System Survey 2009

A photograph of a flooded area, possibly a road or a field, with a road visible in the background. The image is tilted at an angle. The text "LAND USE & ENVIRONMENT" is overlaid on the image in a large, colorful, sans-serif font. The letters are multi-colored, with each letter having a different color. The background shows a flooded area with a road and some vegetation.

LAND USE & ENVIRONMENT

Existing General Land Use

Bunawan is located in the southeastern part of Agusandel Sur. The general terrain is flat to undulating and mountainous on the eastern side. The flat land is suitable for Agricultural purposes, such as growing crops particularly rice and corn production, portion of the area is part of Agusan Marsh and Swampy on the western side.

It is predominantly timberland of the land area of 51,218 hectares, 23% are classified as alienable and disposal (A&D) and 77% as forest lands. Forestlands are of two types, namely, production forest and protection forests. Production forests, which total 34,206.68 hectares are located in all barangays. Protection forests, on the other hand, cover 5,258.10 hectares consisting of the Agusan Marsh and Wildlife Sanctuary, Watershed and the reserved second growth forest. A & D area consists of the built-up areas and agricultural land.

EXISTING GENERAL LAND USE

Category	Area (has.)	Percentage
Build -up	281.50	.55%
Agricultural	11,753.22	22.40%
Forest Land:		
Production	34,203.68	
Protection	5,258.10	
Total	51,218.00	

AGRICULTURAL LAND UTILIZATION

Category	Area (has.)	Percentage
Rice Land		
Corn Land		
Coconut Land		
Other Crop Land		
Total		

DRM
STRATEGIC
ACTION PLAN
CY 2011 -2015



VISION:

“Secured Community in a Sustained Development.”

MISSION:

“A capacitated community promoting the preservation of lives and properties through people’s participation in the implementation of comprehensive Disaster Risk Management (DRM) Plan Integrating Climate Change Adaptation (CCA) Options.”

-

**VULNERABLE
AREA
FOR CALAMITY
UPDATES**

ANNUAL FLOODING

FREQUENCY OF FLOOD- PRONE AREA

Category	Annually	Every 5 year	Every 10 year	Every 100 years	Height of Flood
1.Bunawan Brook	0.9 meters				0.9 meters
2.Consuelo					
3. Libertad					
4. Mambalili					
5. Poblacion					
6. San Andres					
7. San Marcos					
8. Imelda					
9. Nueva Era					
10.San Teodoro					

DEFINITION OF TERMS / PHASES

(For purposes of this plan, the following terms having corresponding meanings are considered)

REPUBLIC ACT NO. 10121

“PHILIPPINE DISASTER RISK REDUCTION AND MANAGEMENT ACT OF 2010”

AN ACT STRENGTHENING THE
PHILIPPINE DISASTER RISK REDUCTION
AND MANAGEMENT FRAMEWORK AND
INSTITUTIONALIZING THE NATIONAL
DISASTER RISK REDUCTION AND
MANAGEMENT PLAN, APPROPRIATING
FUNDS THEREFOR AND FOR OTHER
PURPOSES

REPUBLIC ACT NO. 9729

“CLIMATE CHANGE ACT OF 2009”

**AN ACT MAINSTREAMING CLIMATE
CHANGE INTO GOVERNMENT POLICY
FORMULATIONS, ESTABLISHING THE
FRAMEWORK STRATEGY AND PROGRAM
ON CLIMATE CHANGE COMMISSION,
AND FOR OTHER PURPOSES**

“Adaptation” – refers to the adjustment in natural or human systems in response to actual or expected climate stimuli or their effects, which moderates harm or exploits beneficial opportunities.

“Adaptive capacity” – refers to the ability of ecological social or economic systems to adjust to climate change including climate variability and extremes, to moderate or offset potential damages and to take advantage of associated opportunities with changes in climate or to cope with the consequences thereof.

“Capacity” – a combination of all strengths and resources available within a community, society or organization that can reduce the level of risk, or effects of a disaster. Capacity may include infrastructure and physical means, institutions, societal coping abilities, as well as knowledge, skills and collective attribute such as social relationships, leaderships and management. Capacity may also be describe as capability.

“Climate Change” – refers to a change in climate that can be identified by changes in the mean and/or variability of its properties and that persists for an extended period typically decades or longer, whether due to natural variability or as a result of human activity.

“Climate Risk” – refers to the product of climate and related hazards working over vulnerability of human and natural ecosystems.

“Climate Variability” – refers to the variations in the average state and in other statistics of the climate on all temporal and spatial scales beyond that of individual weather events.

“Community-Based Disaster Risk Reduction and Management or “CBDRRM”– a process of disaster risk reduction and management in which at risk communities are actively engaged in the identification, analysis, treatment, monitoring and evaluation of disaster risks in order to reduce their vulnerabilities and enhance their capabilities, and where the people are the heart of decision-making and implementation of disaster risk reduction and management activities.

“Disaster Preparedness”– the knowledge and capacities developed by governments, professional response and recovery organizations, communities and individuals to effectively anticipate, respond to, and recover from, the impacts of likely, imminent or current hazard events or conditions. Preparedness actions is carried out within the context of disaster risk reduction and management and aims to build the capacities needed to efficiently manage all types of emergencies orderly transitions from response to sustained recovery.

“Disaster Prevention” – the outright avoidance of adverse impacts of hazards and related disasters. It expresses the concept and intention to completely avoid potential adverse impacts through action taken in advance such as construction of dams or embankments that eliminate flood risk, land-use regulations that do not permit any settlement in high-risk zones, and seismic engineering designs that ensure the survival and function of critical building in any likely earthquake.

“Disaster Response” – the provision of emergency services and public assistance during or immediately after a disaster in order to save lives, reduce health impacts, ensure public safety and meet the basic subsistence needs of the people affected. Disaster response is predominantly focused on immediate and short-term needs and is sometimes called “disaster relief”.

contains, among others, geo-hazards assessments, information on climate change, and climate risk reduction and management.

Preparedness – pre-disaster actions measures being undertaken within the context of disaster risk reduction and management and are based on sound risk analysis as well as pre-disaster activities to avert or minimize loss of life and

initiatives. This is also includes the developmental / enhancement of an overall preparedness strategy, policy. Institutional structure, warning and forecasting capabilities, and plans that define measuring geared to help at risk communities safeguard their lives and assets by being alert to hazards and taking appropriate action in the face of an imminent threat or actual disaster.

“Rehabilitation” – measures that ensure the ability of affected communities/areas to restore to their normal level of functioning by rebuilding livelihood and damaged infrastructures and increasing communities’ organizational capacity.

“Resilience” – the ability of community exposed to hazards to resist, absorb, accommodate and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions.

“Response” – any concerted effort by two or more agencies, public or private, to provide assistance or intervention during or immediate after a disaster to meet life preservation and basic subsistence needs of affected people and in the restoration of essential public activities and facilities.

“Risk” – the combination of the probability of an event and its negative consequences.

“Risk Assessment” – (usually associated with risk mapping) a methodology to determine the nature and extent of risk by analyzing potential hazards and evaluating existing conditions of vulnerability that together could potentially harm exposed people, property, services livelihood and the environment on which they depend. This include review of technical characteristics of hazards such as their location, intensity, frequency and probability; the analysis of exposure and vulnerability including the physical, social, health, economic

and environmental dimensions; and the evaluation of effectiveness of prevailing and alternative coping capacities in respect to likely risk scenarios.

“Risk Management” – to systematic approach and practice of managing uncertainty to minimize potential harm and loss. It comprises risk assessment and analysis, the implementation of strategies and specific actions to control, reduce and transfer risks.

“Vulnerability” – refers to the degree to which system is susceptible to, or unable to cope with, adverse effects of climate change, including climate variability and extremes. Vulnerability is a function of the character, magnitude and rate of climate change and variation to which a system is exposed, its sensitivity, and its adaptive capacity.

SUSCEPTIBILITY OF EROSION

At the eastern side, almost 40.31% of the area is severely eroded. Erosion usually affects areas with a slope of 50% and above, comprising the barangays near Simulao River. The barangays affected are Consuelo, San Andres, Bunawan Brook and Imelda.

**LAND
CLASSIFICATION,
CROP PRODUCTION
AND HAZARDS**

MAPPING OF PAST AND CURRENT DRM INITIATIVES

✓ **PREPAREDNESS**

✓ **MITIGATION**

**ENVIRONMENTAL CONSCIOUSNESS / ADAPTATION
OPTIONS**

**IDENTIFIED
CHANGE
OPTIONS**

**CLIMATE
ADAPTATION**

**Help us
Survive
Climate
Change**

1. POLICY LEVEL

- Mainstreaming CCA/DRR into development plans:
 - Review of LUPs
 - Forest and protection
 - Solid Waste Management
 - Reduction of ghg emissions in agriculture
- Enhanced role of MDCC/BDCC
- Develop linkages on DRR-CCA
- Explore possibilities to ensure land ownership of men and women within local legal framework, system (e.g. CLOA)

2. ADAPTATION TECHNOLOGIES

- Use of climate information (end to end)
 - Lakbay aral to _____
 - Farmer's Climate Field School

- Development of Local Adaptation Technology for main crops
 - Integration of climate change in FFS, including gender roles and responsibilities
- Protection of crop vis-à-vis temperature increases, rainfall change & wind intensification
- Research
 - Local study on climate change impacts on crops including impact to women
 - Possible/projected impacts change on rubber
 - Use and interpretation of satellite data for forest cover studies
 - Outbreak and spread of pests and diseases (man, livestock and crops)

3. PUBLIC INFORMATION CAMPAIGN AND EDUCATION

- Integration of climate change in curriculum (elementary, high school, higher education)
- Integration of agriculture for values formation in Home economics
- IEC on climate change at all levels

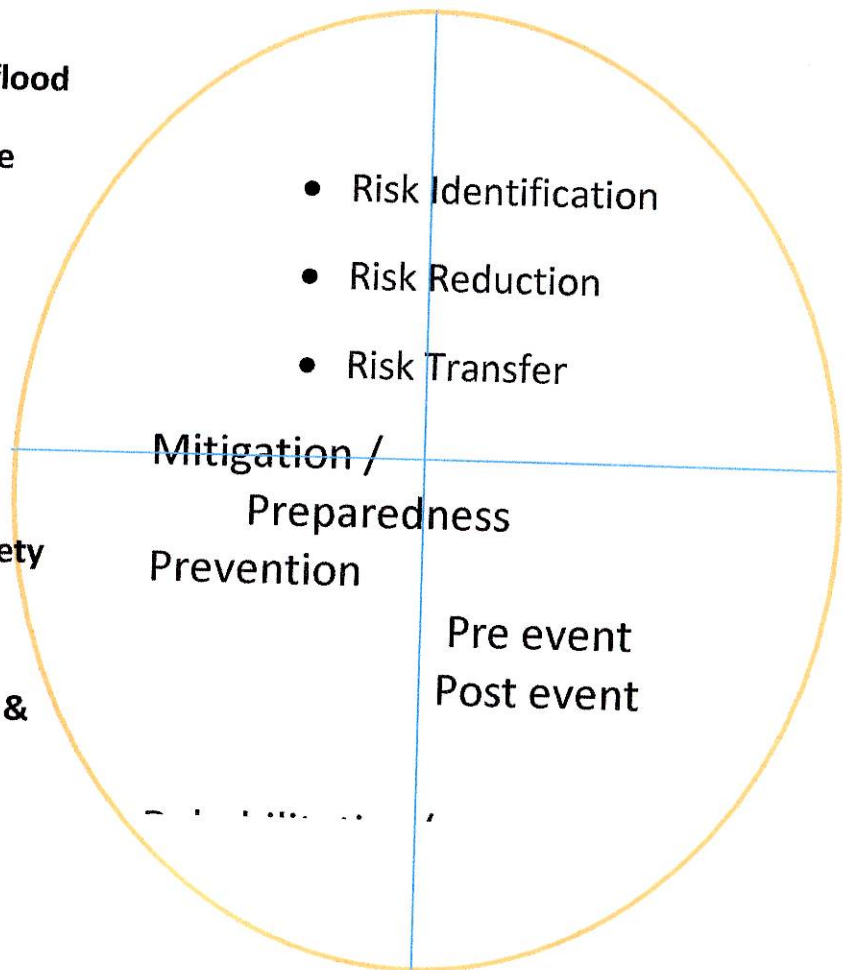
4. CLIMATE INFORMATION/ CLIMATE CHANGE INFORMATION & TECHNOLOGY

- Establishment and management of weather monitoring system and early warning system
 - Rain – gauges, thermometer shelters
 - Agro – met/tele - metoring stations
- Building local capacity to observe record and use weather monitoring station as part of Early Warning System (LD Teams, Groups, Barangay leader , LGU;s)
- Ensure women's participation voice in LDT/teams, groups and committees

**CLIMATE
INFORMATION/CLIMATE
CHANGE INFORMATION &
TECHNOLOGY**

Comprehensive Disaster Risk Management Framework

- Construction of dams, flood control structures, slope protection
- Land Use regulations
- Hazards Mapping
- Risk assessment
- Local Ordinances on Safety Of communities
- Institutionalizing DRMO & Personnel
- Financial tools



BUDGET SUMMARY

Thematic Focus	LGU FUND	EXTERNAL SOURCE
Governance	800,000.00T	
Knowledge Management	2,172,000.00 M	
Disaster Preparedness	5,835,000.00 M	
Risk Reduction	20,700,000.00 M	
Risk Assessment	5,164,000.00 M	
Grand Total	34,671,000.00	

ANNEXES

Support Documents-Executive & Legislative Measures

Executive Order No. 001

Series 2011

**CREATING LOCAL DISASTER RISK REDUCTION AND
MANAGEMENT COUNCIL (LDRRMC)
IN THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL
SUR**

Executive Order No. 002

Series of 2011

**CREATING LOCAL DISASTER RISK REDUCTION AND
MANAGEMENT OFFICE (LDRRMO)
IN THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL
SUR**

[illegible]

Strategies	Program, Projects & Activities	Target Indicator	Target	Timeframe 2012-2016					Means of Verification	Office Primarily Responsible (OPR)	Cost	Source of Funds
				2012	2013	2014	2015	2016				
Reforestation Program	Identification of areas to be planted	•No of hectares planted	10 brgys						List of areas planted	MENRO	2,000	
	Preparation and approval of Policies , system and procedures for the maintenance and sustainability of reforestation	•No of maintenance and sustainability plan	10 maintenance and sustainability plan						Approved Moa with recipient barangay	MENRO	10,000	
	Tree planting	No of barangays planted	10 brgys						Post activity report	MENRO		MDRRMF
Enactment of local ordinance on DRRM	Pass ordinance on DRRM	No of ordinance enacted							Approved Ordinance	Sangguniang Bayan		

Strategies	Program, Projects & Activities	Target Indicator	Target	Timeframe 2012-2016					Means of Verification	Office Primarily Responsible (OPR)	Cost	Source of Funds
				2012	2013	2014	2015	2016				
Intensification IEC and advocacy on DRR-Climate Change Adaptation (CCA)	Conduct orientation on DRR-CCA thru brgy assembly	*No of orientation conducted	20 orientations per year						Minutes of the meeting and post activity report	MDRRMO		
	Production of IEC Materials	*No of iec materials produced	Flyers: 10,000 (1,000 flyers per brgy per year) Leaflets: ??? Comics: ????						Flyers, comics, leaflets			
	Conduct for a and symposium	No of fora and symposium conducted	5 symposium per year						Post activity report, attendance sheet			
	Radio guesting	No of hours aired	2 Hours Per week						Recorded radio guesting program			
	Conduct of Earthquake drill, Fire drill, Evacuation drill (armed conflict)	No of drills conducted	40 earthquake drills 40 fire drills 10evacuation drills						Attendance sheet Post activity report Brgy Evacuation Plan			
Procurement of supplies and equipment	Conduct inventory of supplies and equipment	No of inventory conducted	3						List of equipment and supplies available			
	Identification of supplies and equipment to be procured	No of supplies and equipment to be procured	List all the necessary supplies and equipment to be procured						List of necessary supplies and equipment to be procured			
	Procurement of supplies and equipment	No of procurement conducted							Official Receipts	Mayors office		

Establishment of early warning systems	Conduct survey of strategic sites for installation of EWS device	No of surveys conducted	10							Survey report	MDRRMO		
	Installation of EWS devices	No of EWS devices installed	10							Activity Report	MDRRMO		
Capability building	Conduct Training Needs Assessment (TNA)	No of assessment conducted	1							Assessment report	MDRRMO	1,000	MDRRMF
	Preparation of Activity or training design	No of proposals prepared	10							Approved proposal	MDRRMO		
	Conduct training on: a.	No of trainings conducted per category	No per category							Attendance sheet, post activity report	MDRRMO		MDRRMF
Strengthening of MDRRMC	Conduct regular meeting and feedbacking session	No of meetings conducted	4							Minutes of the meeting and attendance sheet	MDRRMO	105,000	MDRRMF
	Benchmarking	No of benchmarking conducted	2							Post activity/travel report	MDRRMO	150,000	MDRRMF

Strategies	Program, Projects & Activities	Target Indicator	Target	Timeframe 2012- 2016					Means of Verification	Office Primarily Responsible (OPR)	Cost	Source of Funds
				2012	2013	2014	2015	2016				
Mobilization of response unit /team	Formulation of protocol	*No of protocol formulated										
	Mobilization of : *relief *health *search & rescue	*No of response unit mobilized	As needed						After activity report	MDRRMO	as needed	LDRRMF (M/P/N)
	Conduct inventory	No. of inventory conducted										
	Conduct critical stress debriefing	No. of CISD conducted	As needed						After activity reports, no of referral	MSWDO	As needed	
	Identification of recipient	No of recipient identified	As needed						List of beneficiary identified	MSWDO	AS NEEDED	
	Provide temporary shelter	No. of temporary shelter provided	As needed						UTILIZATION REPORT	MSWDO		
DANA	Conduct orientation to DANA members	No of orientation conducted	3 orientations						After activity report	MDRRMO	25,000	
	Conduct actual DANA	No of actual DAN conducted	As needed						DANA report	MDRRMO		

Strategies	Program, Projects & Activities	Target Indicator	Target	Timeframe 2012- 2016					Means of Verification	Office Primarily Responsible (OPR)	Cost	Source of Funds
				2012	2013	2014	2015	2016				
Provision of livelihood	Conduct livelihood assessment	•No of assessment conducted	10 assessment						After activity report	MAO / MSWDO	20,000	
	Formulation of livelihood proposal	•No of proposal formulated	6 proposals						Approved proposal	MAO / MSWDO		
	Identification of beneficiaries	No of beneficiaries identified	As needed						List of beneficiaries identified	MAO / MSWDO		
	Signing of MOA	No of MOA prepared	As needed						Approved MOA	MAO / MSWDO		
Provision of permanent core shelter	Hand over of livelihood of beneficiaries	No of beneficiaries avail the livelihood							Utilization report	MAO / MSWDO		
	Identification of beneficiaries	No of beneficiaries identified	As needed						List of identified beneficiaries	MAO / MSWDO		
	Signing of MOA	No of MOA	As needed						Approved MOA	MAO / MSWDO		
	Identification of beneficiaries	No of beneficiaries identified	As needed						List of identified beneficiaries	MSWDO	AS needed	
Rehabilitation of damage infrastructure	Conduct of psycho social	No of psycho social conducted	As needed						No of Referral and after activity report	MSWDO	As needed	
	Conduct survey of damage infra	No of survey conducted	As needed						Survey report	MEO	As need arises	
	Preparation of design of POW	No of design POW Prepared	As needed						Design & POW approved	MEO	As need arises	
	Procurement	No of procurement conducted	As needed						Vouchers / O.R	MEO	As need arises	
	Implementation of rehabilitation activities	No of rehabilitation activities conducted	As needed						After activity report/ completion report	MEO	As need arises	

Group I – PREVENTION & MITIGATION

Initiatives / Activities Undertaken	Location	Date Completed / Delivered	Output (Result)	Gaps or Further Actions Needed
1. Convene MDCC before occurrence of flood	Mayor's Office Conference Hall	First Week of Dec. 2011	Tasking of different committees	Monitor all committees on their functions.
2. Preparation / Identification of EC'S	Nearby Public Schools *EBCES *BNHS *Bun. Brook. ES *Nueva Era ES *Brgy. Hall	Dec 2010	Prepared & utilized 95% EC'S	Lack of CR & potable water & lighting facilities
3. Tree Planting * Clearing / Clean up along simulao river	Simulao river	2010	50% grown 80% cleared water ways	Monitor / follow up planted trees .
4. Relocation of inhabitants along river banks	Brgy. San Teodoro	2008-2009	40 HH relocated	More households to be relocated
Relocation for mining area	Brgy. Consuelo	2009	315 HH implemented	Implementation not sustained.
5. Formulation of ordinance prohibiting garbage disposal in all water ways . Ordinance No. 04-2003	San Teodoro	2003		Sustain & maintain clearing of water ways.

Group II - PREPAREDNESS

Initiatives / Activities Undertaken	Location	Date Completed / Delivered	Output (Result)	Gaps or Further Actions Needed
•Inst. Of early warning devices	Bunawan	2010	Early reporting . minimize casualties , Reduce damage of life & properties	Extra battery Constants monitoring report.
*Drills exercises	Bunawan	2010	*Able the community to be ready in times of disaster. *Community readiness ensured.	Conduct reg. refresher act. Community invol
•Organization of Disaster Group	Bunawan	2010	Able to respond before during and after disaster	Conduct trainings Lack of financial support.
•Conduct of Disaster Preparedness related	Bunawan	2010	Able to response during disaster	To enhance the community capacity and ability to respond.

Group III - RESPONSE

Initiatives / Activities Undertaken	Location	Date Completed / Delivered	Output (Result)	Gaps or Further Actions Needed
1. Search , Rescue & Evacuation	All Brgys.	2010 - 2011	500 families	Lacking of rescue facilities or equipments Perform of rescue equipments.
2. Provision of Relief Goods / Assistance	All Brgys.	2009 - 2010	6,000 HH	Lack of information -Enhance distribution process.
3. Establishment of *MDRRC – operation center	San Teodoro	2011	1	Expansion of MDRRC Operation Centers
*Evacuation Centers	San Teodoro Bun. Brook Libertad	2009-2010 2009-2010 2009-2010	2 1 2	Provision of hygiene facilities - CR / Washing area
5. Provision of Medical Assistance	All evacuation centers	2009-2011	5	-Lack of mobile transportation - Referrals

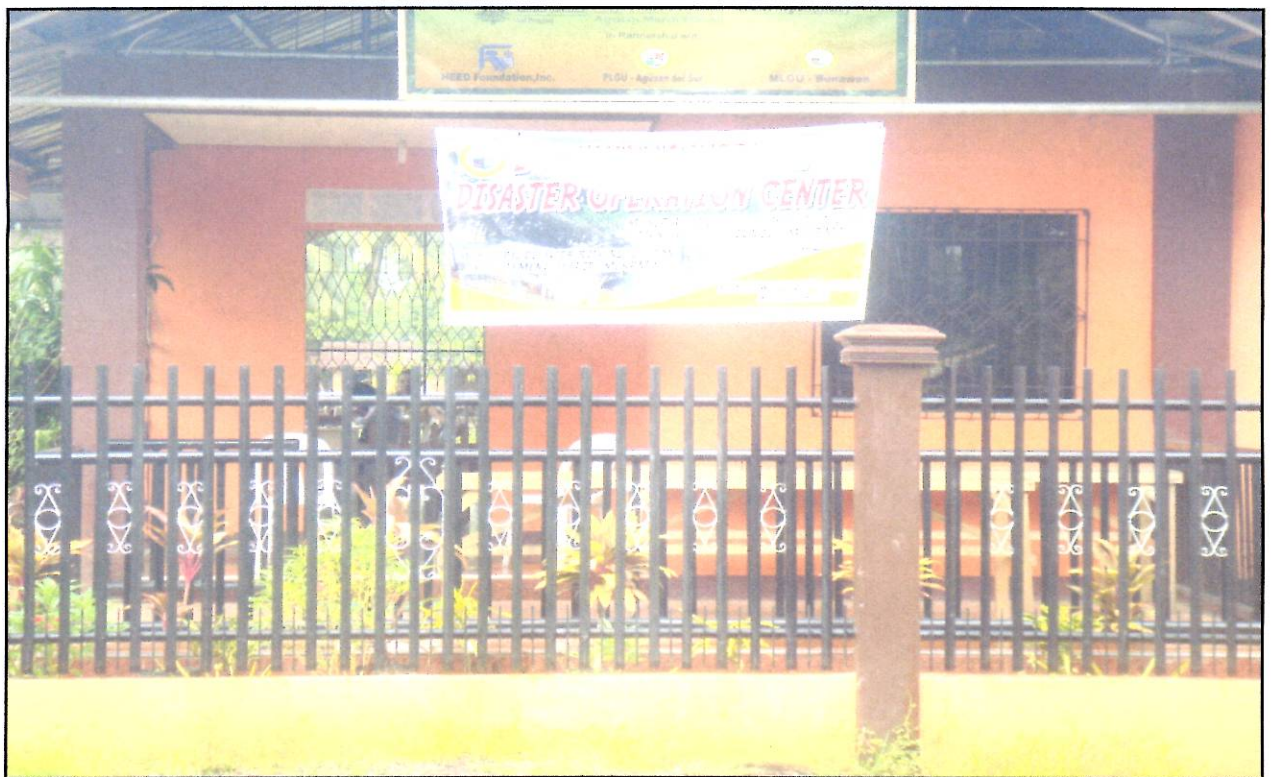
Group IV – Rehabilitation & Recovery

Initiatives / Activities Undertaken	Location	Date Completed / Delivered	Output (Result)	Gaps or Further Actions Needed
•Livelihood - Distribution of Seeds	Bun. Brook Poblacion San Marcos Mambalili Libertad	February 20, 2012	249 bags	Inputs
•Housing	San Teodoro	2009	40 household relocation	Not interested to relocate because of livelihood
•Lifelines a) Provision of Pumpboat for rescue	San Marcos Nueva Era Poblacion Bunawan Brook	2011	300 families	Additional fund for pumpboat construction
•Education a) Stress Briefing	Mambalili San Marcos San Teodoro Bunawan Brook	February 5-6, 2012	1,500 students / pupils	Visual Aid
* Infrastructures	All barangays	2010 - 2011	Road rehabilitation	funding

MUNICIPAL DISASTER RISK
REDUCTION MANAGEMENT OFFICE

PICTORIALS

PICTORIALS
OF
RESCUE
EQUIPMENTS &
OPERATION
CENTER

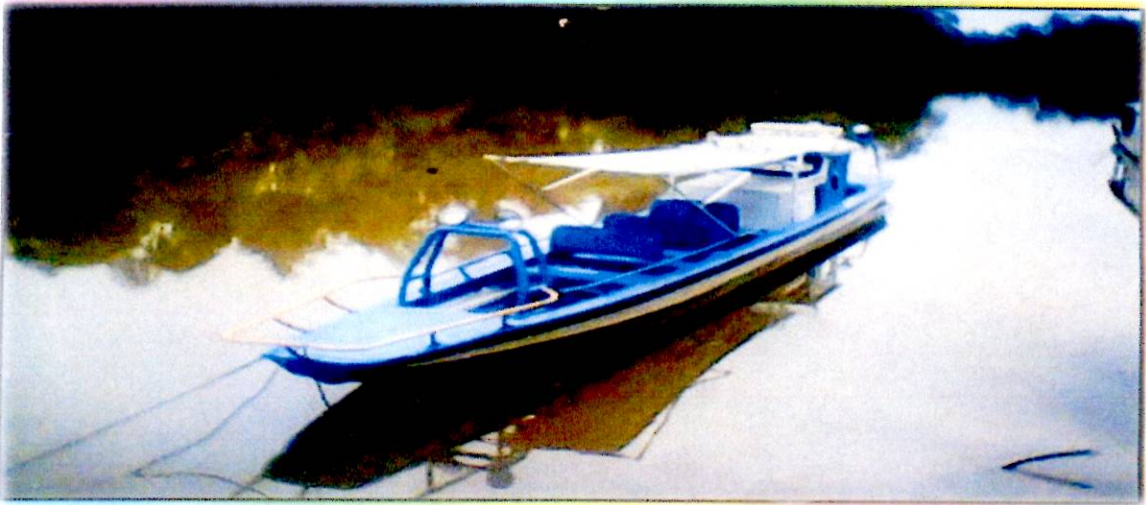




Municipal Disaster Coordinating and Action Center



Rescue Boat



Rescue Boat



Municipal Rescue Vehicle



Fire Truck used for DRRMC



Life Jackets



Municipal Rescue Vehicle



Fire Truck used for DRRMC



Life Jackets

PICTORIALS

OF

FLOOD PRONE AREAS

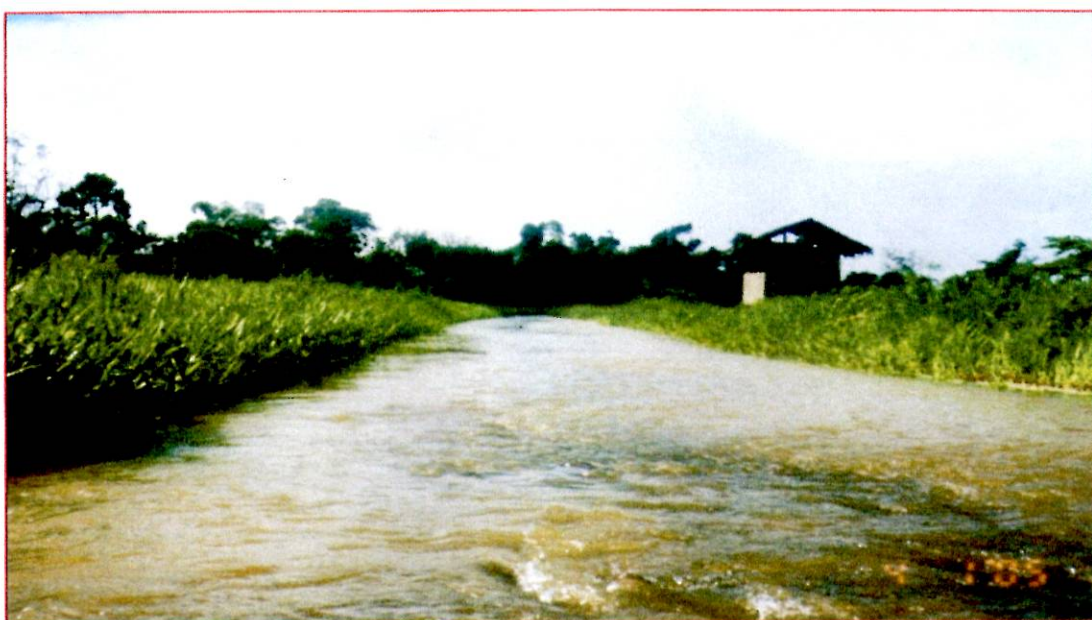
1. **SAN MARCOS**
2. **NUEVA ERA**
3. **MAMBALILI**
4. **BUNAWAN BROOK**
5. **SAN TEODORO**
6. **LIBERTAD**
7. **POBLACION**



Flood Prone Area Going to Sitio Guitas (Barangay Road) (January 5, 2011)



Flood Prone Area at Barangay San Marcos (January 2011)



Flood Prone Area at Sitio Hagnaya (December 28, 2011)



Farm to Market Road to Barangay San Marcos (January 2, 2012)



Flood Prone Area at Barangay Mambalili (March 25, 2011)



Simulao River Going to Barangay Mambalili (January 10, 2012)



Farm to Market Road Going to Sitio Hagnaya Flood Prone Area (December 30, 2011)



Barangay Road going to Hagnaya (January 1, 2012)



Provincial Road Going to Barangay Mambalili (January 4, 2012)



Simulao River Going to Barangay San Marcos (February 3, 2012)



Simulao River Going to Barangay San Marcos



Flood Prone Area at Sitio Hagnaya (March 2011)

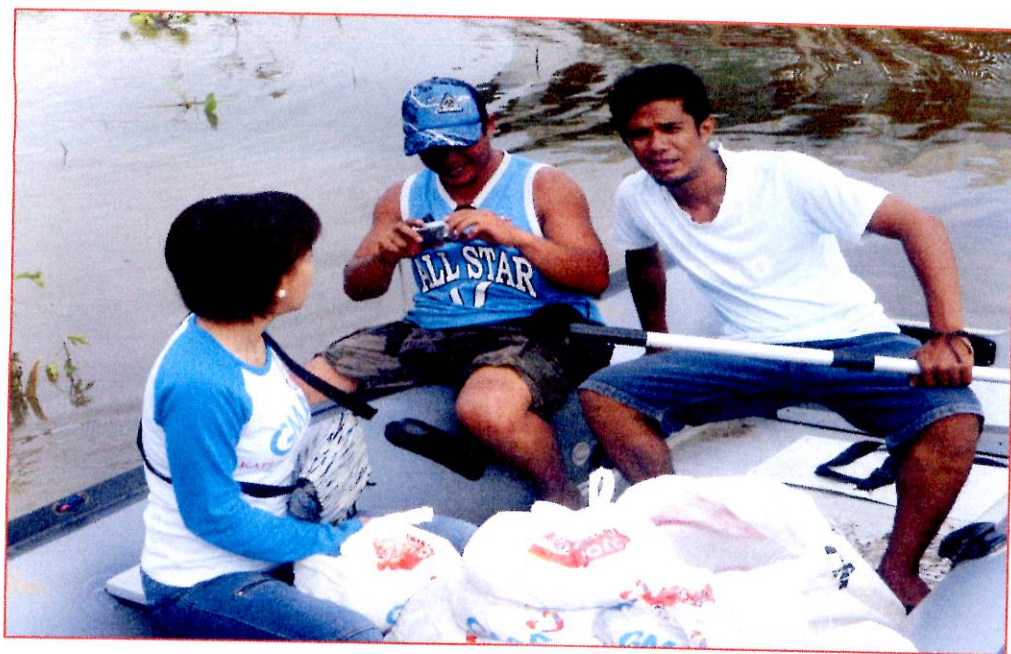


Flood Prone Area at Sitio Hagnaya (January 4, 2012)



Flood Prone Area along Barangay Bunawan Brook

PICTORIALS
OF
DISTRIBUTION
OF RELIEF GOODS
@ BRGY. SAN MARCOS, NUEVA
ERA, LIBERTAD, BUN. BROOK, &
SAN TEODOORO



Distribution of Relief Goods at Barangay Nueva Era w/ the GMA staff (December 29, 2012)



Distribution of Relief Goods at Barangay Nueva Era (December 29, 2011)



Distribution of Relief Goods at Barangay Nueva Era (January 2, 2011)



Distribution of Relief Goods at Barangay Libertad (January 2, 2012)



Stock Filling of Relief Goods at Barangay Libertad (January 2, 2012)



Distribution of Relief Goods at Barangay Bunawan Brook (January 2, 2012)



Distribution of Relief Goods at Evacuation Center at Barangay Bunawan Brook (December 29, 2012)



Distribution of Relief Goods at Barangay Nueva Era (December 29, 2011)



Distribution of Relief Goods at Barangay Nueva Era (December 29, 2011)



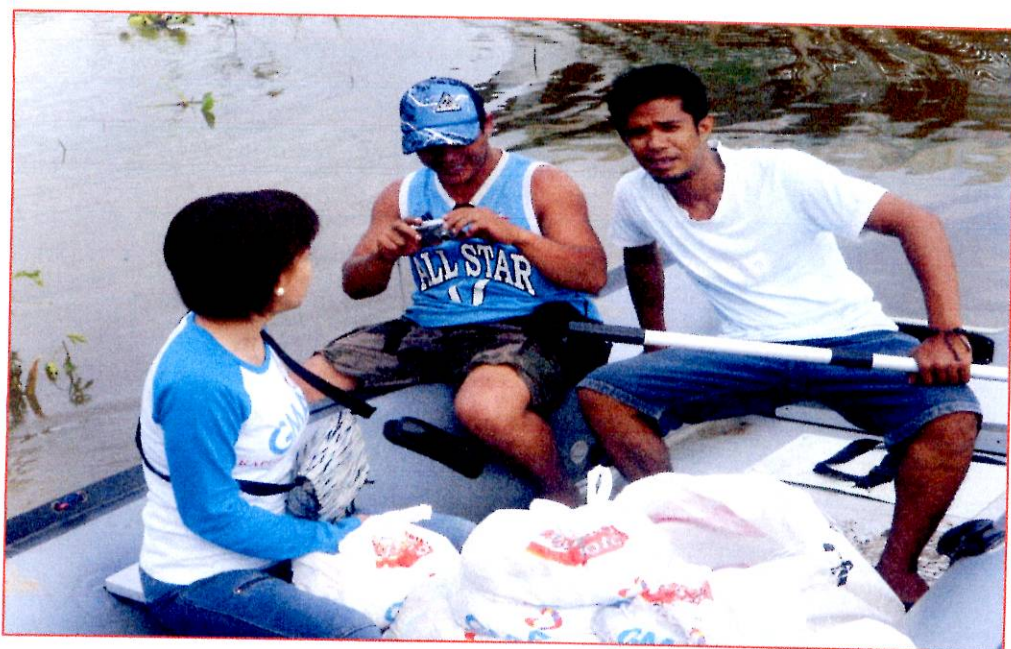
Distribution of Relief Goods at Barangay Libertad (December 27, 2011)



Distribution of Relief Goods at Evacuation Center at Barangay Bunawan Brook (December 29, 2012)



Distribution of Relief Goods at Evacuation Center at Barangay Bunawan Brook (December 29, 2012)



Distribution of Relief Goods at Barangay Nueva Era w/ the GMA staff (December 29, 2012)



Distribution of Relief Goods at Barangay Nueva Era (December 29, 2011)



Distribution of Relief Goods at Barangay Nueva Era (January 2, 2011)



Distribution of Relief at Barangay San Marcos (January 2, 2011)



Distribution of Relief at Barangay San Marcos (January 2, 2011)



Distribution of Relief Goods at Barangay San Marcos (December 28, 2011)



Distribution of Relief Goods at Barangay Libertad (December 27, 2011)



Distribution of Relief Goods at Barangay San Marcos (December 28, 2011)



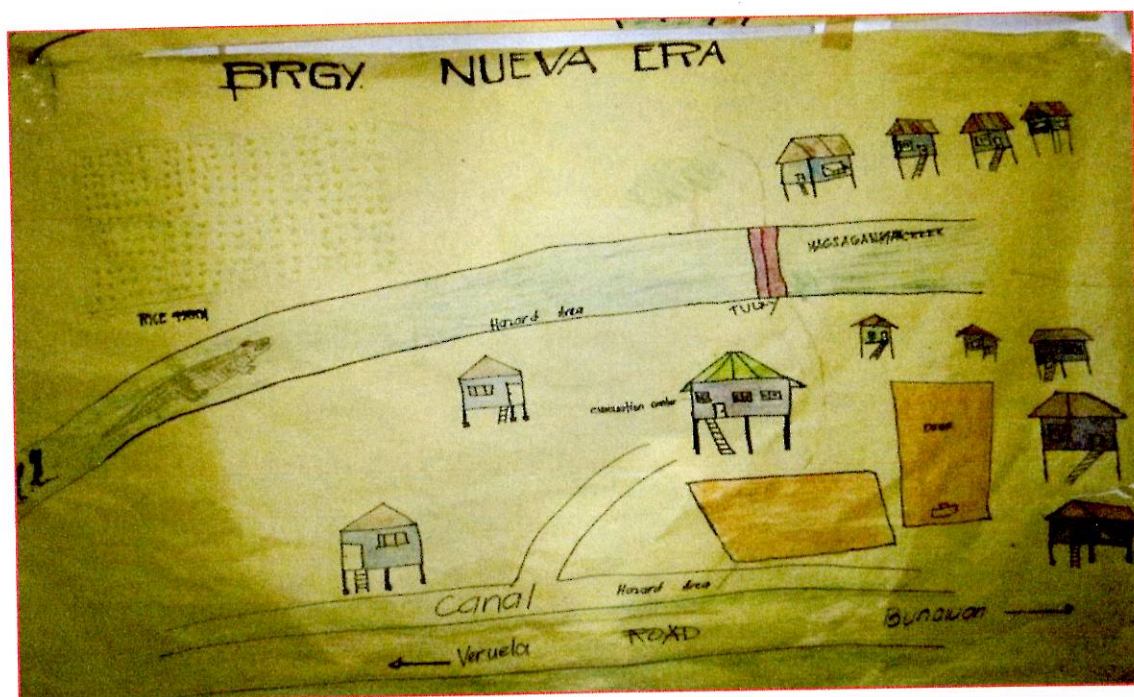
Distribution of Relief Goods at Barangay Libertad (December 27, 2011)



Distribution of Relief Goods at Barangay Libertad (December 27, 2011)

PICTORIALS OF HAZARD AND VULNIRABILITY MAP

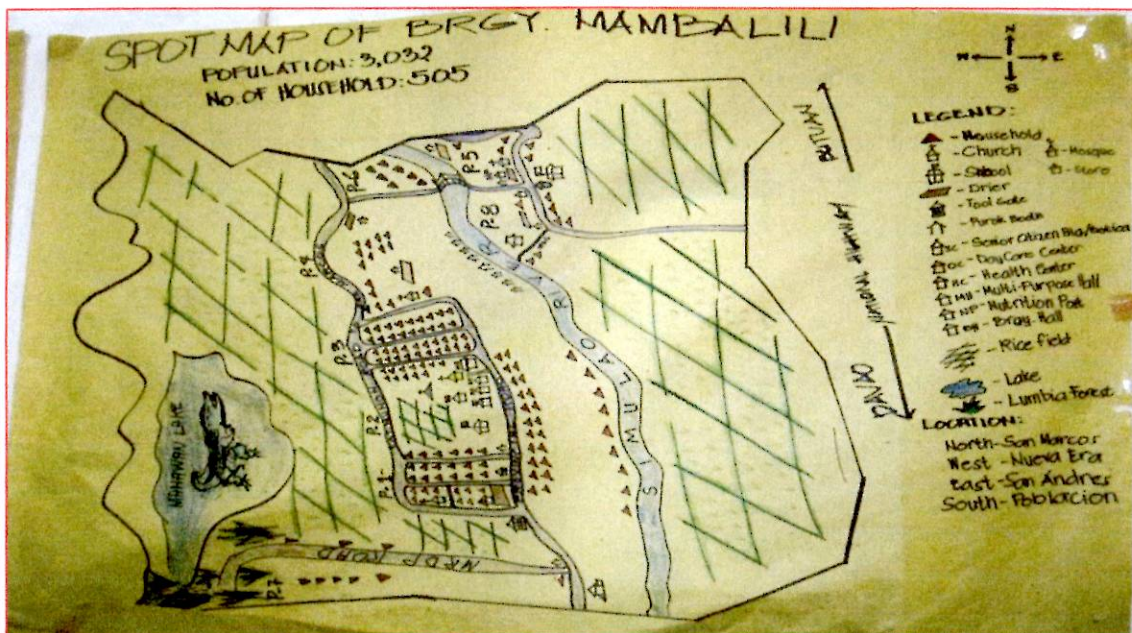
- 1. SAN MARCOS**
- 2. NUEVA ERA**
- 3. MAMBALILI**



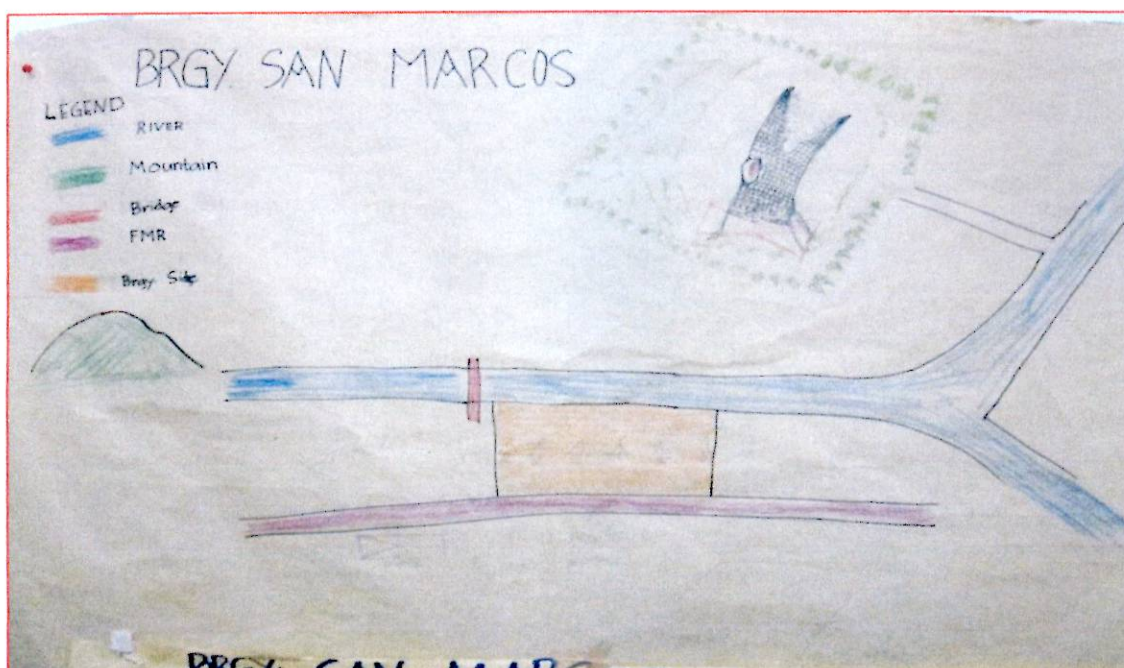
Hazard Map of Barangay Nueva Era



Hazard Maps of Barangay Nueva Era



Hazard Maps of Barangay Mambalili



Hazard Map of Barangay San Marcos

PICTORIALS

OF

MEETINGS,

SEMINAR

&

TRAININGS



Demonstration of First Aid Training



Demonstration of First Aid Training



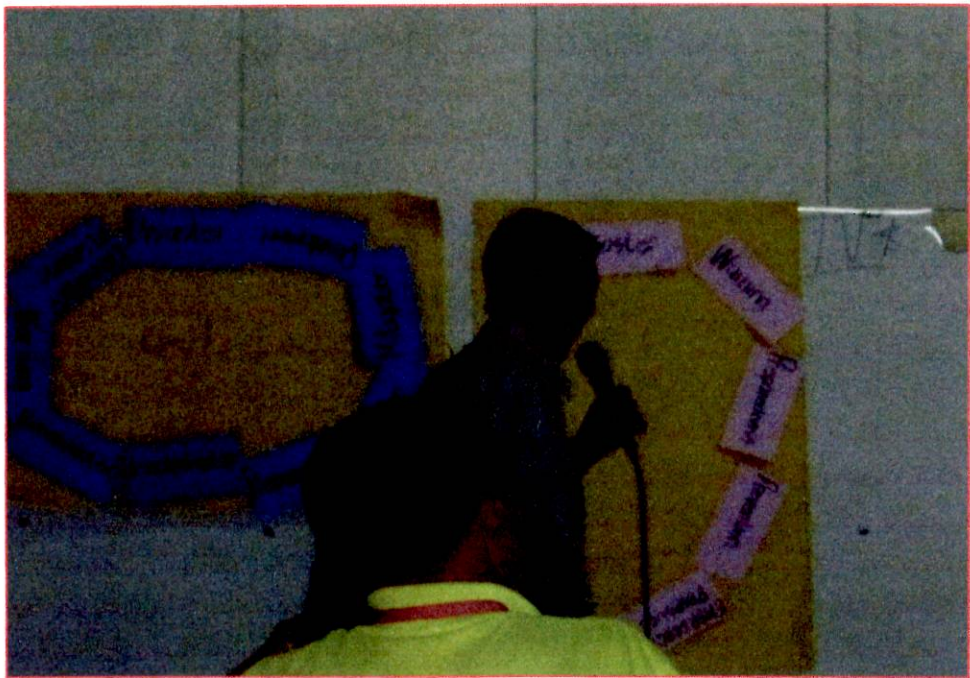
Demonstration of First Aid Training



Community-Based Disaster Action Planning Workshop at San Francisco, Agusan del Sur



Demonstration of First Aid Training



Workshop Planning of MDRR



Workshop Planning of MDRR



Workshop Planning of MDRR



Demonstration of First Aid Training



Community Based Disaster Management Training



Workshop Planning of MDRR





Strategic Planning of MDRR

ANNEXES

Support Documents-Executive & Legislative Measures

Executive Order No. 001

Series 2011

**CREATING LOCAL DISASTER RISK REDUCTION AND
MANAGEMENT COUNCIL (LDRRMC)
IN THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL
SUR**

Executive Order No. 002

Series of 2011

**CREATING LOCAL DISASTER RISK REDUCTION AND
MANAGEMENT OFFICE (LDRRMO)
IN THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL
SUR**

Executive Order No. _____

Series of 2011

CREATING MUNICIPAL CLIMATE CHANGE AND RISK REDUCTION
TECHNICAL WORKING GROUP (CCRR-TWG)

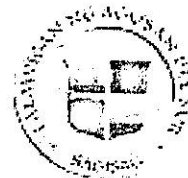
IN THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL SUR

Municipal Resolution No. _____

RESOLUTION RECOMMENDING TO THE HON. EDWIN G. ELORDE THE
DESIGNATION OF AREAN A. AMERO AS OFFICER IN CHARGE (OIC)
OF THE LOCAL DISASTER RISK REDUCTION AND MANAGEMENT
OFFICE OF THE MUNICIPALITY

Municipal Resolution No. _____

RESOLUTION ADOPTING DRM PLAN INTEGRATING CLIMATE
CHANGE ADAPTATION OPTIONS OF THE MUNICIPALITY OF
BUNAWAN, AGUSAN DEL SUR



OFFICE OF THE MUNICIPAL MAYOR

EXECUTIVE ORDER NO. 008

Series of 2011

CREATION OF THE MUNICIPAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL (MDRRMC) OF THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL SUR.

WHEREAS, Republic Act No. 10121 also known as the Philippine Disaster Risk Reduction and Management Act of 2010 (PDRRM ACT OF 2010) provides the implementing rules, regulations and guidelines;

WHEREAS, these rules are regulated to prescribe the manner, procedures and guidelines for the implementation of Republic Act. No. 10121;

WHEREAS, Rule 5, Section 1 of the implementing rules and Regulations provides that the existing Municipal Disaster Coordinating Council (MDCC) shall henceforth be known as the Municipal Disaster Risk Reduction Management Council (MDRRMC);

Now therefore, I, **Hon. Edwin G. Elorde**, Municipal Mayor of Bunawan, Agusan del Sur, by virtue of the powers vested in me by law, do hereby order:

Section 1. Creation. There shall be created a Municipal Disaster Risk Reduction Management Council (MDRRMC) for the municipality of Bunawan, Agusan del Sur:

Section 2. Composition. The Bunawan MDRRMC shall be composed of the following:

- | | | |
|---------------|---|---|
| Chairman | - | Municipal Mayor |
| Vice Chairman | - | Municipal Vice Mayor |
| Members | - | Sangguniang Bayan Members |
| | - | Mun. Planning Development Officer |
| | - | Mun. Social Welfare Development Officer |
| | - | Mun. Health Officer |
| | - | Mun. Agriculture Officer |
| | - | Mun. Engineering Officer |
| | - | Mun. Veterinary Officer |
| | - | Mun. Budget Officer |
| | - | Department of Education District Supervisors |
| | - | AFP, Assigned in the area |
| | - | Chief of Police, PNP |
| | - | Municipal Fire Marshall |
| | - | All Brgy. Captains |
| | - | Philippine National Red Cross Representative |
| | - | Four (4) Representative from the CSO's |
| | - | One (1) Private Sector representative |
| | - | Mun. Local Government Operations Officer |
| | - | Community Environment Natural Resources Officer |
| | - | One (1) Business Sector Representative |

Secretariat

- MDRRMCO

Section 3. Functions, Duties and Responsibilities.

1. Approve, monitor and evaluate the implementation of the MDRRMC plan and annually review, test and develop the plan consistent with other national and local planning programs;
2. Ensure the integration of disaster risk reduction and climate change adaption into local development plans, programs and budgets as a strategy in sustainable development and poverty reduction;
3. Recommend the implementation of forced or preemptive evacuation of local residents, if necessary;
4. Convene the local council as provided by the Act and these Rules;
5. Provide necessary guidelines and procedures and monitor the Barangay Disaster Reduction Management Fund releases and utilization, accounting and auditing thereof;
6. Develop appropriate risk transfer mechanisms that shall guarantee social and economic protection and increase resiliency in the pace of disaster; and
7. Recommend to the Sangguniang bayan the enactment adoption of necessary measures.

Section 4. Meetings and Quorum. The meetings of the MDRRMC shall be held once every three months on dates and place to be determined by the body. The Chairperson of the Council may call for special meetings as he may deem necessary. The Local Council shall promulgate their respective internal rules for their meetings. The Local Disaster Risk Reduction and Management Office (LDRRMO), shall serve as the Secretariat.

Section 5. Separability Cause. Any provision of this order shall be held unconstitutional or invalid, the other provisions not otherwise affected shall remain in full force and effect.

Section 6. Repealing Cause. All orders, Memorandum and other issuances inconsistent herewith are deemed revoked and modified accordingly;

Section 7. Effectivity. This Executive Order shall take effect immediately upon its approval.

Signed this 4th day of October 2011, Bunawan, Agusan del Sur.


EDWIN G. ELORDE
Municipal Mayor

Republic of the Philippines
Province of Agusan del Sur
Municipality of Bunawan

OFFICE OF THE MUNICIPAL MAYOR

EXECUTIVE ORDER No. ____
Series of 2011

CREATING LOCAL DISASTER RISK REDUCTION AND MANAGEMENT OFFICE
(LDRRMO)
IN THE MUNICIPALITY OF BUNAWAN, AGUSAN DEL SUR

WHEREAS, rule 5, section 1 of the Implementing Rules and Guidelines of Republic Act 10121 states that Existing Provincial, City or Municipal Disaster Coordinating Councils shall henceforth be known as the Provincial, City or Municipal Disaster Risk Reduction and Management Councils.

WHEREAS, the Local Disaster Risk Reduction and Management Council (LDRRMC) of this Municipality sees it's imperative to create a special body to primarily coordinate the activities and functions of various stakeholders; i.e. government agencies and instrumentalities, private institutions and Civic Organizations in the locality for the protection and preservation of life and property during disasters and emergencies; and providing technical and expert advise to the Local Disaster Risk Reduction and Management Council in Policy and decision-making relative to disaster and emergency situations.

WHEREAS, rule 6, section 1 the implementing Rules and Guidelines of Republic Act 10121 mandates the creation of an LDRRM Office in every Municipality under the **Office of the Mayor**.

NOW THEREFORE, I **EDWIN G. ELORDE** by the authority vested upon me, do hereby:

Section 1: **Creation**. The Local Disaster Risk Reduction and Management (LDRRM) Office is hereby created to set the direction, development, implementation and coordination of Disaster Risk Reduction Management (DRRM) programs and activities within the territorial jurisdictions.

Section 2. **Structure**. The Local Disaster Risk Reduction and Management (LDRRM) Office shall be structured into:

- a.) In reference to rule 6, section 1 of the implementing Rules and Guidelines of Republic Act 10121, the LDRRMO shall be initially established and chaired by the Mayor.

- b.) In reference to 1991 Local Government Code, sec.480. Art.10 and Executive Order No. 137, series of 1999 stating that the Office of the LGU Administrator shall be the frontline of the delivery of the administrative support services, particularly during and after man-made and natural calamities and may act as alter ego of LCE who is mandated under PD 1566 as chairman of MDCC now LDRRMC under R.A. 10121, has the responsibility to presided over LDRRMC in the absence of Local Chief Executive.
- c.) In reference to rule 6, section 3 of the Implementing Rules and Guidelines of Republic Act 10121, the Disaster Risk Reduction Management (DRRM) Officer provided under section 12 of the Act shall be appointed considering its Civil Defense and Disaster Risk Management experience
- d.) Section 12b of the Act states that under the LDRRM officer are three (3) staff that will assist in carrying out its duties and functions on Administrative & Training, Research & Planning, and Operations & Warning.

Section 3. **Composition.** Thus, based on the above structure, the LDRRM Office shall be composed of the following:

DRRM Officer	:	AREAN ASIS AMERO Office of the Mayor
DRRM Staff	:	JOVIE E. MIQUE Research & Planning
		AGUSTIN GONZALEZ Administrative & Training
		JOSEPH APOLLO M. DEAÑO Operations & Warning

Section 4. **Functions.** Under rule 6, section 4, of the implementing Rules and Guidelines of Republic Act 10121, the LDRRMO, in coordination with national agencies and instrumentalities, shall perform the following functions with impartiality, given by the emerging challenges brought by the disasters of our times:

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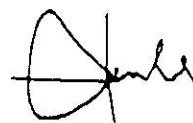
- (1) Set the direction, development, implementation and coordination of disaster risk management programs within their territorial jurisdiction;
- (2) Design, program and coordinates disaster risk reduction and management activities consistent with the National Councils standards and guidelines;
- (3) Facilitate and support risk assessment and contingency planning activities at the local level;
- (4) Consolidate local disaster risk information which include natural hazards vulnerabilities and climate change risks, and maintain a local risk map;
- (5) Organize and conduct training, orientation and knowledge management activities on disaster risk reduction and management at the local level;
- (6) Operate a multi-hazard early warning system, linked to disaster risk reduction to provide accurate and timely advice to national or local emergency response organizations and to the general public, through diverse mass media, particularly radio, landline communications, and technologies for communications, and technologies for communication within rural communities;
- (7) Formulate and implement a comprehensive and Integrated LDRRMP in accordance with the national, regional, and provincial framework, and policies on disaster risk reduction in close coordination with the Municipal Development Council (MDC);
- (8) Prepare and submit to the Sangguniang Bayan through the LDRRMC and the MDC the annual LDRRMO Plan and Budget, the proposed programming of the LDRRMO Fund, other dedicated disaster risk reduction and management resources, and other regular funding source/s and budgetary support of the LDRRMO;
- (9) Conduct continuous disaster monitoring and mobilize instrumentalities and entities of the LGU, CSOs, private groups and organized volunteers, to utilize their facilities and resources for the protection and preservation of life and properties during emergencies in accordance with existing policies and procedures;
- (10) Identify, assess and manage the hazards vulnerabilities and risks that may occur in the locality;
- (11) Disseminate information and raise public awareness about those hazards, vulnerabilities and risks, their nature, effects, early warning signs and counter-measures;
- (12) Identify and implement cost-effective, early warning signs and counter-measures;
- (13) Maintain a database of human resource, equipment, directories, and location of critical infrastructures and their capacities such as hospitals and evacuation centers;
- (14) Develop, strengthen and operationalize mechanisms for partnership or networking with the private sector, CSOs, and volunteer groups;

- (15) Take all necessary steps on a continuing basis to maintain, provide or arrange the effective civil defense and disaster risk reduction and management in its area;
- (16) Respond to and manage the adverse effects of emergencies and carry out recovery activities in the affected area, ensuring that there is an efficient mechanism for immediate delivery of food, shelter and medical supplies for women and children, endeavor to create a special place where internally – displaced mothers and children can find help breastfeeding, feed and care for their babies and give support to each other;
- (17) Within the area, promote and raise public awareness of and compliance with the law and Legislative provisions relevant to the purpose of the Act;
- (18) Serve as the secretariat and executive arm of the LDRRMC;
- (19) Coordinate other disaster risk reduction and management activities;
- (20) Establish linkage/network with other LGUs for disaster risk reduction and emergency response purpose;
- (21) Recommend through the LDRRMC the enactment of local ordinance consistent with the requirements of this Act;
- (22) Implement policies, approved plans and programs of the LDRRMC consistent with the policies and guidelines laid down in the Act Establish Municipal Disaster Risk Reduction and Management Operations Center in the locality and assist in organizing at the barangay level;
- (23) Prepare and submit, through the LDRRMC and the MDC, the report on the utilization of the LDRRMF and other dedicated disaster risk reduction and management resources to the local Commission on Audit (COA) for municipal level and internal audit, copy furnished the regional director of OCD and the Local Government Operations Officer of the DILG; and
- (24) Act on the other matters that may be authorized by the LDRRMC.

Section 5: Coordination. The LDRRMO shall establish good coordination with the Office of the Municipal Mayor through the Municipal Administrator in all its programs, activities or undertakings. Further, national, Provincial, Municipal and barangay agencies are requested to extend to support and assistance to the LDRRM Office for the Effective and responsive execution of mandate.

Section 6: Effectivity. This Executive Order shall take effect immediately and will prevail until further revoked.

Done this ____ of _____ 2011, at Municipal Government Center, Bunawan, Agusan del Sur.



EDWIN G. ELORDE
Municipal Mayor

Organizational Structure (ICS)

